

CENT FILES

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

830 Power Building

OCT 5 1978

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 3100
101 Marietta Street
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - DISCREPANCY IN LOCA ANALYSIS OF
REACTOR COOLANT LOOP - NCR EN DES 11 - FOURTH INTERIM REPORT

The subject condition was initially reported to NRC-OIE Region II
Inspector L. E. Foster on August 15, 1977. Interim reports were
transmitted to your office on September 15, 1977 (with a supplement
on October 4, 1977), January 24, 1978, and July 19, 1978.

TVA is currently performing a study to assess the impact of the revised
LOCA and seismic input data to ten reactor coolant loop Class I lines.
TVA has completed reanalysis of five lines with no unacceptable consequences.
The stress loads, nozzle loads, and existing support designs remain acceptable.
Upon completion of the remaining five analyses, an evaluation of the generic
impact of the deficiency will be provided.

We will submit our next report to your office by January 19, 1979. If you
have any questions concerning this matter, please get in touch with
M. R. Wisenburg at FTS 854-2581.

Very truly yours,


J. E. Gilleland

Assistant Manager of Power

cc: Mr. John G. Davis, Acting Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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